

Title (en)

PRECONCENTRATOR FOR ADSORBING/DESORBING AT LEAST ONE COMPONENT OF A GAS

Title (de)

PREKONZENTRATOR ZUM ADSORBIEREN UND/ODER DESORBIEREN WENIGSTENS EINER KOMPONENTE EINES GASES

Title (fr)

PRÉ-CONCENTRATEUR POUR L'ADSORPTION ET/OU DÉSORPTION D'AU MOINS UN COMPOSANT D'UN GAZ

Publication

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Application

EP 15730735 A 20150615

Priority

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- EP 2015063293 W 20150615

Abstract (en)

[origin: WO2016008660A1] The invention pertains to a microstructure (12) for adsorbing/desorbing at least one gas component of a gas supplied to the microstructure (12), the microstructure (12) comprising a semiconductor substrate (14) with a bottom (16) and a top (18), wherein a plurality of microchannels (20), which extend from the bottom (16) to the top (18) of the semiconductor substrate (14), are provided. A top surface (22) of each of the microchannels (20) is configured to adsorb and/or desorb the at least one gas component when the gas is passed through the microchannels.

IPC 8 full level

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CPC (source: CN EP KR US)

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Citation (search report)

See references of WO 2016008660A1

Citation (examination)

US 2010236341 A1 20100923 - MARTIN MICHAEL [US], et al

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